

Virginia Coastal Resilience Master Plan
Technical Advisory Committee – Federal Installation Partnerships Subcommittee

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| Subject | Federal Installation Partnerships Subcommittee Meeting #6 Virginia Coastal Resilience Master Planning Framework | Date | July 14, 2021 |
| Facilitator | Tom Crabbs | Time | 1:00pm – 3:00pm |
| Location | 723 Woodlake Drive, Chesapeake, VA 23320 WebEx - https://governor.virginia.gov/ixg7se | Scribe | Emily Sokol |

| Invitees/Attendees | | | |
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| # | Name | Organization/Role | Attended? |
| Federal Installations Subcommittee Members and Staff Advisors | | | |
| 1. | Tom Crabbs | Chair - Captain, USCG (retired), Military Liaison, Office of the Secretary of Veterans & Defense Affairs; | Y |
| 2. | Whitney Katchmark | Vice Chair - Principal Water Resources Engineer, Hampton Roads PDC | Y |
| 3. | Jeff Flood - Staff | Coastal Planner, VA Coastal Zone Management Program | Y |
| 4. | Elaine Meil | Executive Director, Accomack-Northampton PDC | |
| 5. | Kevin Du Bois | DoD Chesapeake Bay Program Coordinator, NAVFACSYS COM MID-ATLANTIC, N45R | |
| 6. | Tom Emerick | District Counsel, U.S. Army Corps of Engineers, Norfolk District | Y |
| 7. | Stephen Moret | President & CEO, The Virginia Economic Development Partnership | |
| 8. | David K. Paylor | Director, VA Dept. of Environmental Quality | |
| 9. | Craig Quigley | Rear Admiral (Retired), US Navy, CEO, Hampton Roads Military & Federal Facilities Alliance | Y |
| 10. | Dr. Jessica Whitehead | Executive Director, Institute for Coastal Adaptation & Resilience | Y |
| 11. | Dillon Taylor | Chief of Staff & Senior Counsel, Virginia Department of Emergency Management | Y |
| 12. | Samson Stevens | Capt., Sector Commander, U.S. Coast Guard, Hampton Roads | |
| Scheduled Speakers | | | |
| | | | |
| Subcommittee Advisors | | | |
| 13. | Laura Rogers | Project Manager, NASA Langley Research Center | Y |
| 14. | Patrick Taylor | Climate Research Scientist, NASA Langley Research Center | |
| 15. | Matt Lott | Emergency Manager, Virginia Department of Transportation | Y |
| 16. | Doug Beaver | City of Norfolk | Y |
| 17. | Bruce Sturk | City of Hampton | |
| 18. | Scott Spencer | Office of Local Defense Community Cooperation | |
| Designated Alternates | | | |
| 19. | Sharon Baxter | Alternate for David K. Paylor, VA Dept. of Environmental Quality | Y |
| 20. | Jason El Koubi | Alternate for Dr. Stephen Moret | |
| 21. | Erin Sutton | Alternate for Dillon Taylor, VDEM | |
| 22. | Matt Donaldson | Alternate for Tom Emerick | |
| Other Participants | | | |
| 23. | Ann Phillips | Rear Admiral, US Navy (Ret.) – Office of the Governor | Y |
| 24. | Connor Winstead | VA Dept. of Conservation & Recreation | Y |
| 25. | Matt Dalon | VA Dept. of Conservation & Recreation | Y |
| 26. | Elizabeth Schell | | Y |
| 27. | Matt Jones | VA Management Fellow | Y |
| 28. | Emily Steinhilber | EDF | Y |
| 29. | Jessica Rodriguez | DoN (unofficially on behalf of Kevin Du Bois) | Y |

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| # | Name | Organization/Role | Attended? |
| 30. | Capt. John Dewey | USCG (unofficially on behalf of Capt. Sam Stevens) | Y |
| 31. | Keith Cannady | Deputy Executive Director, Hampton Roads PDC | Y |
| Consultant Support | | | |
| 32. | Emily Sokol | Vision Planning and Consulting | Y |
| 33. | Brian Batten | Dewberry | Y |

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| # | Agenda Item | Minutes |
| 1. | Welcome/FOIA Preamble/Roll Call | <p>Mr. Flood welcomed all attendees to the meeting and introduced Subcommittee Members, those serving as designated alternates, and Subcommittee Advisors. Mr. Flood took roll and advised that a quorum was present.</p> <p>Tom Crabbs then called the meeting to order at 1:10 pm and read the FOIA preamble and other required language. He asked public attendees to ask questions through the chat box and advised that Mr. Flood would be moderating the chat. If there are connectivity issues, please call 703-994-8781 for assistance.</p> |
| 2. | Chair Updates | <p>Mr. Crabbs thanked everyone for their attendance and provided updates since the June meeting. The data calls are currently being sent out, and the Subcommittee Chairs forwarded a late-breaking email shortly before the Subcommittee meeting that was received by the TAC from Rear Admiral Ann Phillips. Mr. Crabbs explained that the purpose of the project data call was to receive information on both capacity building and planning/flood resilience projects. The purpose of the centralized and decentralized surveys are for dissemination to stakeholders and the public. Additionally, the email contains an outreach and engagement attachment that the Subcommittee is being encouraged to use as public outreach as the Subcommittee conducts the rest of its work moving forward. The Subcommittee is also engaging federal installations for points of contact, including Community Planning Liaison Officers, three NASA contacts, and Hampton Roads contacts that are expected tomorrow. The Subcommittee is also seeking points of contact at military installations, National Park Service, and other federal installations to promote engagement. Outstanding points of contact include the Norfolk, Newport News, and Reagan International airports- currently reaching out to request points of contact and will deliver them straight to Dewberry so that surveys can be disseminated.</p> <ul style="list-style-type: none"> - Admiral Craig Quigley: I have contacts at the Newport News and Norfolk airports that I can put you in touch with. - Mr. Crabbs: Thank you, I have reached out to contacts at those locations. |
| 3. | Dewberry Survey & Outreach Next Steps | <p>Mr. Crabbs then opened the floor to Dewberry for updates.</p> <p>Brian Batten: Good afternoon everyone. The essential update for today is that we are currently working with the Commonwealth to fine tune our data and necessary information so that it will be ready for public presentation. We have scheduled a series of interconnected meetings- a pre-meeting webinar, a design charette, and a public meeting for each PDC. The pre-meeting webinar is for broad stakeholders, but particularly project owners and strategic partners of project owners. The webinars will begin next week and will provide an overview of the study, the project data call, and the results of the hazard impact assessment in their particular jurisdictions. Additionally, the purpose of the webinars is to set up the</p> |

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| | | <p>workshops that will occur in the following weeks. During the design charettes, we want to hear from stakeholders and hold regional visioning exercises to hear from contacts in the area regarding their regional vision for resilience planning. We will have a series of tables set up with different exercises and walk throughs of particular deliverables of the project. We will also gather information from these stakeholders that may have been missed so far in our analysis, such as hazards we have not been able to quantify- coastal erosion and pluvial hazards. We will also gather information and hold roundtables to discuss capacity and the needs of disadvantaged communities in the area. These meetings will occur the last week of July and the first two weeks of August. There will also be public meetings held after the charettes, where we will cover similar information but at a higher level for public consumption. Our team is excited to finally get out and engage the public on this project.</p> <p>Discussion Point- Whitney Katchmark: Are the dates for these meetings posted somewhere?</p> <ul style="list-style-type: none"> - Rear Admiral Phillips: The dates have not yet been posted, as we are still finalizing details. Within days, we will have the full schedule posted. - Brian: Yes, not all of the dates are locked in, as we are still locking down facilities. - Rear Admiral Phillips: The pre-meeting webinars will start next week with two of the planning districts. By and large, the public outreach and engagement meetings are on the same day as the design charettes at 6:00-8:00pm. However, a couple are not held on the same day. All of the design charettes and public meetings are in-person. - Admiral Quigley: Could the dates of the meetings be disseminated to Subcommittee members? - Rear Admiral Phillips: Yes, we will send the schedule to you once all of the dates and locations are finalized <p>Discussion Point- Ms. Katchmark: Since this is the federal installations group, will there be a set of meetings later geared toward federal installation partners?</p> <ul style="list-style-type: none"> - Rear Admiral Phillips: We would like federal installations to participate at these meetings. If they want to do more work later or would like a meeting with specific direction to them, we can definitely expand. It is within the scope of the project to have a meeting with federal installations. - Ms. Katchmark: Have you thought about what the maximum size will be for the meetings? I assume you are trying to get local government staff to participate, but the effectiveness of these particular design charettes may decline if the audience is too large. - Mr. Crabbs: The federal installations should fall in with localities that they are associated. - Rear Admiral Phillips: The problem is that some localities do not have any federal installations. We are hoping that federal installations contacts will come to these planned meetings. - Mr. Crabbs: Is the avenue for the federal installations to receive information on these meetings by our supplying of points of contact to Dewberry? - Rear Admiral Phillips: Yes. <p>Mr. Crabbs: Is there anything you and your team need from us?</p> |

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| | | <ul style="list-style-type: none"> - Mr. Batten: Can someone please repeat the information you stated earlier regarding information you are going to provide to Dewberry? I am sorry, I was a little late joining the meeting. - Mr. Crabbs: Yes, we have a few outstanding points of contact that we are finalizing and will provide to you. Once you have those names, feel free to fire away. They understand their role in this process and know what to expect, so we should get them involved as soon as possible. - Mr. Batten: Great, and just verify the process, to whom are the contacts being sent? - Rear Admiral Phillips: He is sending the points of contact to Ashley Samonisky, and I am sending the information out to the points of contact. - Mr. Flood: Yes, I am sending them to Ashley Samonisky, as well as copying Rear Admiral Phillips and your team. - Mr. Batten: Okay great, thank you. |
| 4. | JLUS/REPI/Sentinel Landscapes “Crosswalk” Matrix Discussion | <p>Mr. Crabbs advised Mr. Flood to display slides demonstrating the Subcommittee’s purpose statement, a model flow chart designed by Kevin DuBois, and the Subcommittee’s lines of effort (See Attached Slides).</p> <p>Mr. Crabbs: I want to recall our purpose statement, as it is the guiding path for our work. There are a lot of complementary efforts to our work. This flow chart was provided to me by Kevin DuBois, and I promised him I would present it at today’s meeting. While I planned to convert it into a slide, I did not want to lose any of the intricacies represented by the figure he created. Consider the funding sources at the top to be a row, and the projects at the bottom as one row. This figure outlines areas for engagement and alignment to identify mutually beneficial areas of investment for resilience projects. The numbers exist to provide some degree of flow or sequential steps for this process. It is a simple concept but, as we know, we are dealing with complex relationships and complex points of connectivity that should be complementary but can be logistically difficult to navigate. I believe this provides a decent outline to address some of our lines of effort. We can add to the types of projects and investment opportunities to expand the scope of the diagram. Are there any questions, comments, and concerns?</p> <p>Discussion Point- Ms. Katchmark: I think it is important that we add a segment for non-military or non-federal opportunities.</p> <ul style="list-style-type: none"> - Mr. Crabbs: Yes, I was hoping you would say that. There should definitely be a non-federal component. This figure is about braiding the different efforts together to reach resilience goals and walking the reader through that process so it can be replicated. If we can flesh out this design and hang a narrative on it, we will meet our purpose statement and achieve many of our lines of effort <p>Discussion Point- Ms. Katchmark: Additionally, the U.S. Army Corps of Engineers (USACE) needs to be added to this framework somewhere.</p> <ul style="list-style-type: none"> - Mr. Crabbs: Okay, so where in this design should the USACE be placed? - Rear Admiral Phillips: JLUS is a place where the USACE would align. - Tom Emerick: You could almost make a USACE ray across the bottom because it touches all aspects of this process. |

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| | | <ul style="list-style-type: none"> - Ms. Katchmark: USACE cannot do anything involving DoD property unless paperwork and budgets all miraculously align. - Mr. Emerick: USACE can support federal installations; however, the logistical issue is that we cannot do it as a civil works project, which was emphasized in the execution of the Norfolk study. Norfolk has a lot of federal installations and incorporating them into the study was an issue because we would have had to engage with each installation individually and each installation would have to provide funding. Therefore, the process to include federal installations into civil works projects can be quite difficult. - Dr. Jessica Whitehead: When would that coordination take place? The purpose of this Subcommittee is to integrate these processes and identify routes to move forward. - Mr. Emerick: It would likely require federal legislation to reasonably allow for the integration of federal and non-federal land in one study. - Mr. Crabbs: Do our lines of effort address this issue? We would need to successfully execute these in order to make progress. - Mr. Emerick: Yes, the line of effort would address the issue and allow for a much smoother process; however, I do not know how feasible in execution it is at a federal legislative level. - Jessica Rodriguez: The authority has always been there, whether through DoD or DoN, but they have to have a budget lined up. If the USACE budget is not aligned when the authority's budget is prepared, then the process will not work. - Rear Admiral Phillips: Lie with the Northern Virginia Coastal Storm Risk Management Study – we have the authority to conduct one, but when will it be possible? Likely during an execution year, but alignment is always tricky. - Mr. Emerick: There needs to be a budget policy. Right now, you would be asking the authorities to do more with less. There needs to be funding provided in one pot for the authority to work with and projects aligned for the funding. - Ms. Katchmark: Does the military not have a pot of money to work with? - Ms. Rodriguez: The military does. However, to use as an example, we are currently engaged in a process to outline budgets for the years 2024-2028. It is not a guarantee that we will get that funding, but that is how far in advance we must make requests for funding. - Ms. Katchmark: I understand. However, the budgets for these studies are relatively inexpensive when compared to military budgets. - Ms. Rodriguez: Yes, but it depends on what pot of funding you are seeking money from. In the environmental sector, that pot of funding is much smaller, highly fought over, and likely geared towards compliance efforts. <p>Mr. Crabbs: There are a couple more items to discuss regarding the figure. The Crosswalk that was presented last meeting provided strong data on JLUSs. It is a great snapshot of what has been accomplished, and I believe it is important we recommend that the JLUSs be kept up-to-date. Any JLUS that includes resilience efforts needs to be updated, and we need to find a path forward regarding how they should be updated. These opportunities are present. One of our lines of effort is to recommend a state governance role. When looking at Kevin Du Bois' diagram, I see areas that need to be expanded. For localities and State for Regional Climate Resilience Proposal, this concerns money, funding, and matching, as well as how the match is shared. Who is supporting and who is the supported?</p> |

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| | | <ul style="list-style-type: none"> - Mr. Emerick: Who is executing the project? If it is the locality, then they are the ones being supported. - Mr. Crabbs: I have not yet encountered a situation in which the State is being supported. We would often expect the locality to be the one being supported and the State to be the one providing support. - Rear Admiral Phillips: We have discussed how this might occur, such as if the State is part of a larger project. - Mr. Crabbs: As far as resilience is concerned, I do not know how much experience we have with this level of matching. What I am hearing is that this framework, as complex as it is in sequencing, could be expanded to be much more inclusive. However, it is a very good starting point. Are there any other comments, questions, or concerns? <p>Discussion Point- Admiral Quigley: To respond to Ms. Katchmark’s comment, you cannot ignore the USACE. Maybe you just put “USACE” (as a placeholder)? We just cannot forget to plug them into the process.</p> <ul style="list-style-type: none"> - Mr. Crabbs: We need to identify what is not included in the figure and what needs to be added. We can then see how it expands, and I believe it will help us in achieving our purpose statement and the governance model. - Mr. Flood: At some point, the goal is to provide the steps and outline what each entails, forming a narrative. - Ms. Rodriguez: When we (she and Mr. Du Bois) developed this figure, we were also working on a success story for our journal. In the process, we have encountered a lot of emerging funding sources that could be added to capture all of the players in this space. <p>Mr. Crabbs: I believe I mentioned this in the last meeting, but Virginia has submitted a proposal to become a Sentinel Landscape in a project called Virginia Security Corridors, which would cover almost all of the eastern portion of the State. The proposal has passed Phase 1 of the process, and we are looking to submit the Phase 2 proposal by August 30. The Sentinel Landscape designation does not bring streams of income, but it does introduce opportunities for funding.</p> <ul style="list-style-type: none"> - Rear Admiral Phillips: The designation also comes with a coordinator who helps align funding efforts. One of the biggest funding targets is USDA. <p>Mr. Crabbs: I would like us to flesh out this process and expand on the flow chart over the next month. It could be one of our Subcommittee’s most effective contributions to the master plan. Are there any volunteers from the Subcommittee to work on it?</p> <ul style="list-style-type: none"> - Ms. Katchmark: I will volunteer - Mr. Crabbs: Since he is not here today, I will nominate Kevin Du Bois. - Mr. Emerick: I will volunteer to help add the USACE portion to the flow chart. - Mr. Crabbs: Great. As we move forward, we will keep the Subcommittee updated on our progress. Next time we discuss this figure, you will be given time beforehand to review it so that you have an opportunity to provide informed feedback. - Mr. Emerick: Ms. Rodriguez, this is a very helpful figure. I am sure that it was quite difficult to produce and will be expanded upon going forward, but it looks really great so far and you all have put in some great work. |

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| | | <p>Mr. Crabbs: In reviewing the next slide, which demonstrates how REPI and the REPI Challenge program open doors further for resilience opportunities, I want to draw attention to the last symbol, which is something we need to address in our efforts. It represents the opportunity to harness the creativity of the private sector to access and leverage alternative sources of funding. As we create this framework, identifying private sources of funding will be a gold star opportunity. In looking at our current lines of effort, I believe this framework will get us close to meeting each of these line items. The last three items are supported by but not directly answered by the model. We should review where we are at in achieving these lines of effort and if any need to be edited or added to fully address the scope of this Subcommittee.</p> <ul style="list-style-type: none"> - Mr. Emerick: I believe we might be thinking too narrow with concern to the 3rd to last bullet (“<i>Work cooperatively with DoD installations and their surrounding communities to secure OLDCC grants to conduct Compatibility Use Plans or addendums that address climate resiliency</i>”). This line of effort needs to capture other federal installations in Virginia. DoD is very forward thinking in their approach, but specifically mentioning DoD may be leaving out other entities. - Mr. Crabbs: Perhaps there needs to be a separate line of effort that addresses where this exists beyond DoD. - Ms. Rodriguez: There have been questions recently about if and how HUD and USDA might enter this space. There has been a lot of buy-in and support to get these agencies to align their efforts at the federal level. There is large potential to have federal agencies with goals and approaches that align with and cross over into the resilience space to coordinate projects. - Rear Admiral Phillips: From what I have heard from FEMA, there is an interest in this, but there is no method by which to accomplish it. - Ms. Rodriguez: It is a real concern. Currently, there is no guidance coming from the White House that requires everyone to sit down and contribute to a coordinated effort. It becomes a very challenging patchwork effort. Tracking these efforts may be a task in and of itself. - Mr. Crabbs: That is why we are here, to address the alignment portion of this issue. - Admiral Quigley: If there was a time to get this effort started, it is under the Biden administration, which seems to take this issue seriously. However, there needs to be an effort to infuse the prioritization of this issue into other federal agencies. To think just of Hampton Roads, there are so many federal agencies that are going to be just as heavily impacted on the coast as anyone else. It should be a priority for them. - Ms. Rodriguez: This definitely should be added to the lines of effort. However, the federal picture is so difficult to capture, so I am currently having a hard time thinking of the particular language for this line of effort. - Mr. Crabbs: So, we need to remove OLDCC and make the line of effort broader. - Ms. Katchmark: We need to change the framework to include additional funding programs like HUD. - Mr. Flood: We could keep DoD and OLDCC on this line of effort and create a new line of effort that references non-federal streams. - Mr. Crabbs: Okay. Let’s put a placeholder here for an additional line of effort. We will bring a clearly written line of effort for the Subcommittee to review to ensure that we are all on the same page. |

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| 5. | Public Comment Period & Next Meeting | <p>Mr. Flood yielded the floor to each of the attendees not considered an advisor, alternate, or member of the Subcommittee. None of the public attendees had additional comments to make.</p> <p>Mr. Flood announced that, in keeping with the Subcommittee’s monthly schedule, the next Subcommittee meeting is scheduled for August 18th from 1:00pm to 3:00pm. Mr. Flood asked Rear Admiral Phillips if any additional announcements regarding scheduling needed to be made. Rear Admiral Phillips advised the Subcommittee that, concerning logistics moving forward, the General Assembly is not planning to discuss the allowance of virtual meetings by public bodies, as they will only be discussing budget in their next session. Therefore, the Subcommittee meetings will continue with the hybrid model.</p> <p>Keith Cannady: In looking at your lines of effort, I cannot help but think about how to bring all of these folks to the table to discuss fund collaboration. These infrastructure-drive programs have supporters and detractors that bring in a variety of funding sources but also bring different visions about what should be achieved for the region. The planning process is about bringing in different interests and prioritizing them.</p> |
| 6. | Wrap-Up and Adjourn | <p>Mr. Crabbs thanked Ms. Katchmark and the Hampton Roads Planning District Commission for hosting the meeting. He asked the Subcommittee if anyone had objections to holding the next meeting at this location. No objections were voiced, and he told Ms. Katchmark that they would discuss that prospect moving forward. Mr. Crabbs advised that he would be reaching out to those who volunteered to help with the framework, and he thanked Dewberry for their partnership in this process. Mr. Crabbs also recognized that the Subcommittee chairs have emphasized the designation of alternates, as many are travelling during the summer and the Subcommittee needs to reach its in-person quorum. Rear Admiral Phillips supported the use of alternates, but cautioned that consistency in attendance by the same Subcommittee representative is important versus multiple representatives rotating through meetings.</p> <p>Mr. Crabbs called for a motion to adjourn the meeting. The motion was proposed and seconded. Mr. Crabbs adjourned the meeting at 2:15 pm.</p> |

| Action Items | | | |
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| # | Action Item | Owner (Organization) | Due Date |
| 1. | Expand upon the framework developed by Kevin Du Bois. | Volunteer Subcommittee Members | August Subcommittee Meeting |
| 2. | Provide Dewberry with outstanding points of contact for survey distribution | Subcommittee Chairs and Staff Advisor | As soon as received by Subcommittee Chair, Vice- Chair or Staff Advisor |

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| 3. | Provide Subcommittee members with the finalized schedule of PDC pre-meeting webinars, design charettes, and public meetings. | Rear Admiral Ann Phillips | TBD |

If you have any questions, please contact Emily Sokol, Vision Planning and Consulting, at esokol@vision-pc.net.